

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Confirmation No. 6636

Christine Beswick et al.

Atty. Docket: 010180.00031

Serial No.: 10/536,899

Group Art Unit: 1624

Filed: January 6, 2006

Examiner: Emily B. Bernhardt

For: Pyrazole Compounds

**ACKNOWLEDGEMENT OF
INFORMATION DISCLOSURE STATEMENT**

U.S. Patent and Trademark Office
220 20th Street S., Customer Window, Mail Stop Issue Fee
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Sir:

We have not received an acknowledge receipt of the Information Disclosure Statement filed in the above subject application on May 27, 2005. For the Examiner's convenience, a copy of the Information Disclosure Statement, the four sheets of the PTO-1449 and the date-stamped receipt card are attached hereto.

It is respectfully requested that the Examiner acknowledge consideration of these references by initialing next to each reference listed on the attached four sheets of the PTO-1449 and that a Supplemental Notice of Allowability be issued in this regard.

Respectfully submitted,

By: /Susan A. Wolffe/

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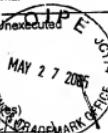
PCT RO/US BOX PCT

B&W # 610150.00031 Atty/Sec SAW/lnhn Date May 27, 2005
 (Corresponding to U.S. Serial No.: Filed: (B&W#))
 In re International Application of BESWICK et al
 International Application No. PCT/GB2003/0055501
 Title PYRAZOLE COMPOUNDS

The following has been received in the U.S. Receiving Office on the date stamped hereon:

New PCT Application & Fee, including:
 Transmittal Letter: 1 Sheet
 Request: # of Sheets _____ Replacements YES NO
 Fee Calculation Sheet: Original + 1 copy
 Description: # of Sheets _____ Replacements YES NO
 Claims: # of Sheets _____ Replacements YES NO
 Abstract: 1 Sheet Replacement YES NO
 Drawings: Informal Formal # of Sheets _____
 Replacements YES NO
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 Chapter II Demand & Fee # of sheets in Demand _____
 Article 19 Amendment
 Response to Written Opinion

U.S. Nat'l Phase of PCT Application, including:
 Specification: # of pages of description and claims _____
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 Drawings: Formal Informal
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 Declaration/POA: Executed Unexecuted
 Assignment w/PTO Cover Sheet
 Small Entity Declaration
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 Preliminary Amendment
 IPER w/English Translation of Annexes
 International Search Report (ISA) 1405
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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)
Mandy Christine BESWICK et al) Group Art No. TBA
Serial No: TBA) Examiner: TBA
Filed: Herewith) Docket No. 010180.00031

For: PYRAZOLE COMPOUNDS

INFORMATION DISCLOSURE STATEMENT

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Randolph Building
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Sir:

Pursuant to 37 C.F.R. §1.56 and in compliance with 37 C.F.R. §1.97, Applicants submit herewith one Form PTO-1449 identifying information for consideration by the Examiner.

Copies of the cited documents were provided with the International Search Report for the corresponding PCT application.

If the Patent and Trademark Office determines that a fee is required, please charge our Deposit Account No. 19-0733.

Respectfully submitted,

BANNER & WITCOFF, LTD.

Date: 5/27/05


By: Susan A. Wolff
Registration No. 33,568

SAW/mhn

Applicant(s): Mandy Christine BESWICK et al

Filing Date: Herewith

Group: TBA

U.S. PATENT DOCUMENTS

Examiner Initial	Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Class	Subclass	Translation	
						YES	NO
	WO 03 062206 A	31 July 2003	PCT				
	WO 01 79187 A	25 October 2001	PCT				
	WO 98 52940 A	26 November 1998	PCT				
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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	DATABASE CHEMCATS 'Online! AMERICAN CHEMICAL SOCIETY; retrieved from STN, XP002275488, RNs 512817-94-6, 512812-41-8, 512817-19-5, 512817-26-4, 494867-78-6
	DATABASE CHEMCATS 'Online! AMERICAN CHEMICAL SOCIETY; retrieved from STN, XP002275489 RNs 494867-81-1, 442643-27-8, 442642-90-2, 430450-02-5, 442643-55-2, 426252-69-9, 426246-04-7, 428478-82-4, 426242-81-1, 426241-82-9, 428480-97-1, 428479-84-9
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	DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; SAUSINS, A. ET AL: "Method of synthesis of 4-(pyrazolyl)- and 4-(pyridyl)-5-oxo-1,4,5,7-tetrahydrofuro[3,4-b]pyridines" retrieved from STN, Database accession no. 124:20267-XP002275490, RNs 154926-85-C, 174314-90-0, 174314-91-1, 174314-93-3, 174314-96-6, 174314-97-7, 174314-98-8 & KIIIMIYA GETERTSISIKLICHESKIH SOEDINENII (1995), (7), 966-72
	DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; BARALDI, P.G. ET AL: "Synthesis and cardiodepressant activity of dialkyl 1, 4-dihydro-2, 6-dimethyl-4-(pentatomic-heteroaryl)-3,5-pyridinedicarboxylates. 2" retrieved from STN, Database accession no. 120:259435, XP002275491 abstract; RN 154926-86-0 & DRUG DESIGN AND DISCOVERY (1993), 10(4), 319-29
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EXAMINER

DATE CONSIDERED

*EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE

CITATION

Sheet 2 of 4

Attorney Docket No.
010180.00031Serial No.
TBA

Applicant(s): Mandy Christine BESWICK et al

Filing Date: Herewith

Group: TBA

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						YES	NO

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DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; CEKAVICIUS, B ET AL: "Synthesis and hepatoprotective properties of 4-pyrazolyl-1, 4-dihydropyridines" retrieved from STN, Database accession no. 108:68683, XP002275493 abstract; RN 112758-37-9 & KHIMIKO-FARMATSEVTICHESKII ZHURNAL (1987), 21(8), 959-65,
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DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; BOBOWSKI, GEORGE.. ET AL: "4-Substituted-3-alkyl-3, 4-dihydro-2H-1, 3-benzoxazin-2-ones. IV. Keto-enol tautomerism of. Beta.-keto ester derivatives. Reaction of. Beta.-dicarbonyl compounds with diamines" retrieved from STN, Database accession no. 93:168205, XP002275504, RN 74834-76-4 & JOURNAL OF HETERO CYCLIC CHEMISTRY (1980), 17(3), 519-28

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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

BANNIER A. ET AL: "DETERMINATION OF A NEW ANTI-INFLAMMATORY AGENT, 1-ISOBUTYL-3, 4-DIPHENYL PYRAZOLE-5-ACETIC ACID, BY HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY" JOURNAL OF PHYSIOLOGY, XX, XX, vol. 227, no. 1, 8 January 1982, pages 213-218, XP009008354; ISSN: 0022-3751	

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INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/GB 03/05501

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 C07D231/38 C07D405/12 C07D401/12 C07D413/12 C07D403/12
 C07D417/12 C07D409/12 C07D403/04 C07D405/10 C07D401/04
 A61K31/415 // (C07D405/12, 307:00, 231:00), (C07D401/12, 231:00),
 According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, P	DATABASE CHEMCATS 'Online! AMERICAN CHEMICAL SOCIETY; retrieved from STN XP002275488 RNs 512817-94-6, 512812-41-8, 512817-19-5, 512817-26-4, 494867-78-6 --	1,2
X, P	WO 03 052206 A (FOSTER RICHARD ;SMITH JULIAN (GB); ARENA PHARMACEUTICALS INC (US);) 31 July 2003 (2003-07-31) examples 87-89,95 --	1,2,8,23
X	WO 01 79187 A (SHELTON EMMA JANE ;SPENCER JEFFREY R (US); CAI SUI XIONG (US); CYT) 25 October 2001 (2001-10-25) page 74; example 5 --	1,2,8,23 --

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

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Date of the actual completion of the International search

Date of mailing of the International search report

30 March 2004

16/04/2004

Name and mailing address of the ISA

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Frelon, D

INTERNATIONAL SEARCH REPORT

Int'l. Application No
PCT/GB 03/05501A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 213:00)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98 52940 A (ANANTANARAYAN ASHOK ;CRICH JOYCE ZUOWU (US); SELNESS SHAUN RAJ (US) 26 November 1998 (1998-11-26) page 756, line 226 - line 227; claim 69	1,2,8,23
X	WO 97 01551 A (FUJISAWA PHARMACEUTICAL CO ;AKAHANE ATSUSHI (JP); KURODA SATORU (J) 16 January 1997 (1997-01-16) examples 26,44	1,2,8,23
X	WO 96 03385 A (SEARLE & CO ;LEE LEN F (US); PENNING THOMAS D (US); KRANEK STEVEN) 8 February 1996 (1996-02-08) page 24, lines 25-27, page 26, lines 35-36, page 55, lines 14-15 and 25-26	1,2,8,23
		-/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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A document defining the general state of the art which is not considered to be of particular relevance
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X document of particular relevance; the claimed invention cannot be considered valid or cannot be considered to involve an inventive step if the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

Z document member of the same patent family

Date of the actual completion of the International search

Date of mailing of the International search report

30 March 2004

Name and mailing address of the ISA

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Freelon, D

INTERNATIONAL SEARCH REPORT

Int'l Application No
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C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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X	PATENT ABSTRACTS OF JAPAN vol. 013, no. 061 (C-567), 10 February 1989 (1989-02-10) -& JP 63 253068 A (NIPPON NOHYAKU CO LTD), 20 October 1988 (1988-10-20) page 45, compound 84 —	1,2,8,23
X	DATABASE CA 'Online!' CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; SAUSINS, A. ET AL: "Methods of synthesis of 4-(pyrazolyl)- and 4-(pyridyl)-5-oxo-1,4,5,7- tetrahydrofuro[3,4-b]pyridines" retrieved from STN Database accession no. 124:202067 XP002275490 RNs 154926-86-0, 174314-90-0, 174314-91-1, 174314-93-3, 174314-96-6, 174314-97-7, 174314-98-8 & KHMIIYA GETEROTSIKLICHESKIKH SOEDINENII (1995), (7), 966-72, —	1,2,8
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C(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category *	Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.
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Int'l Application No
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INTERNATIONAL SEARCH REPORT

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A	<p>BANNIER A ET AL: "DETERMINATION OF A NEW ANTI-INFLAMMATORY AGENT, 1-ISOBUTYL-3,4-DIPHENYL PYRAZOLE-5-ACETIC ACID, BY HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY" JOURNAL OF PHYSIOLOGY, XX, XX, vol. 227, no. 1, 8 January 1982 (1982-01-08), pages 213-218, XP009008354 ISSN: 0022-3751 the whole document</p> <p>-----</p>	1-21, 23-25
A, P	<p>WO 03 055860 A (CANCER RES TECHNOLOGY LTD ;DRYSDALE MARTIN JAMES (GB); PEARL LAURE) 10 July 2003 (2003-07-10) the whole document</p> <p>-----</p>	1-21, 23-25

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB 03/05501

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 22, 26 and 27 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of Invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

The presently claimed subject-matter relates to an extremely large number of possible compounds. Support within the meaning of Article 6 PCT and disclosure within the meaning of Article 5 PCT is to be found, however, for only a very small proportion of the compounds claimed. In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible. Consequently, the search has been carried out for those parts of the claims which appear to be supported and disclosed, namely those parts relating to the compounds as illustrated by the examples wherein Ar represents always a (optionally substituted) phenyl group directly linked to the pyrazole core.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

INTERNATIONAL SEARCH REPORT

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Int'l Application No
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